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The Urban District of Litherland.



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# ANNUAL REPORTS


of the

Medical Officer of Health

and of the

Sanitary Inspector

For the Year 1942.



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# THE URBAN DISTRICT COUNCIL OF LITHERLAND.

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YEAR 1942.

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## **Chairman of the Council:**

COUNCILLOR F. OSBORNE, J.P.

## **Chairman of the Health Committee:**

COUNCILLOR A. DICK.

## **Deputy Chairman of the Health Committee:**

COUNCILLOR J. EATON.

## **Councillors:**

J. W. ANDERSON.	W. GREGG,
P. T. CLUSKEY.	E. H. HEALD.
J. DALEY.	F. OSBORNE.
A. DICK.	J. L. PARRY.
J. EATON.	A. RIMMER.
W. WALL.	

## **Medical Officer of Health:**

H. G. ST. M. REES,  
M.B., B.Ch., B.Sc., M.R.C.S., L.R.C.P.,  
BARRISTER-AT-LAW.

## **Sanitary Inspector:**

H. HARRISON, M.R.San.I., M.S.I.A.

## **Clerk to the Council:**

ALEX. J. HARRINGTON.

## THE URBAN DISTRICT COUNCIL OF LITHERLAND.

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TOWN HALL,  
LITHERLAND,

30th December, 1943.

TO THE CHAIRMAN AND MEMBERS  
OF THE HEALTH COMMITTEE.

GENTLEMEN,

I have pleasure in submitting the Annual Report upon the health and sanitary conditions of the District for the year ending 31st December, 1942. In accordance with the suggestions of the Ministry of Health, the Report is somewhat condensed, and only essentially important information and statistics are given.

The health of the District has continued very good in spite of the abnormal conditions.

I have to express my thanks to the Staff of the Department for their help and to the members of the Health Committee for their readiness to listen to any suggestions for the betterment of health facilities in the district.

Yours obediently,

H. G. ST. M. REES,  
*Medical Officer of Health.*

PARTICULARS TO BE INCLUDED IN THE  
ANNUAL REPORT OF THE MEDICAL OFFICER OF  
HEALTH FOR THE YEAR 1942.

**1.—Statistics and Social Conditions of the Area.**

Area in acres	...	...	...	...	...	...	818
Population—Census, 1931	...	...	...	...	...	...	15,987.
Estimated, Mid 1942	...	...	...	...	...	...	17,170
No. of inhabited houses (Census, 1931)	...	...	...	...	...	...	3,464
„ „ „ on Rate Books, Dec., 1942	...	...	...	...	...	...	5,214
Rateable value	...	...	...	...	...	...	£109,689
General Rate. 1941/42	...	...	...	...	...	...	13/8
Sum represented by a penny rate	...	...	...	...	...	...	£416

There is no special report to make on the influence of any particular occupation on public health.

UNEMPLOYMENT.—There are no separate figures at the Labour Exchange as to the extent of the unemployment in the district.

### BIRTHS.

The number of children born in the district during 1942 was 355; 166 males and 189 females. This gives a Birth Rate of 20·6.

### DEATHS.

The total number of Deaths during the year 1942 was 206; 112 males and 94 females. This gives a Death Rate of 11·9. 117 Deaths of Litherland residents occurred outside the district.



### INFANTILE MORTALITY.

During the year 25 children died who, at the time of their death, had not reached the age of one year. This gives an Infantile Mortality Rate of 70 per 1,000 births.

### ZYMOTIC DEATHS.

During the year, there were no deaths from Whooping Cough, 1 death from Diphtheria, and 1 death from Cerebro-Spinal Fever. This gives a Zymotic Death Rate of 0·29.

There were 2 deaths from Diarrhæal Diseases under the age of two years.

### VITAL STATISTICS.

		Total	M.	F.
Live Births	Legitimate ..	339	159	180
	Illegitimate ..	16	7	9
	Total .. ..	355	166	189

Birth-rate per 1,000 estimated population mid-1942 .. 20·6

Stillbirths .. .. 14 10 4

Rate per 1,000 total (live and still) births .. 37

Deaths .. .. 206 112 94

Death-rate per 1,000 estimated population .. 11·9

Deaths from puerperal causes—

Puerperal and post-abortive sepsis ... Nil

Other maternal causes ... .. Nil

Total ... .. Nil

\*Death-rate of Infants under one year of age:—

All Infants per 1,000 live births ... .. 70

Legitimate infants per 1,000 legitimate live births ... 61

Illegitimate infants per 1,000 illegitimate live births ... 250

Deaths from Cancer (all ages) ... .. 22

„ „ Measles (all ages) ... .. 1

„ „ Whooping Cough (all ages) ... .. Nil

„ „ Diarrhoea (under two years of age) ... .. 2

\*NOTE.—A specially adjusted figure of live births, supplied by the Registrar-General, has been used in the calculation of infant and maternal mortality rates

## CAUSES OF DEATH IN LITHERLAND URBAN DISTRICT, 1942.

<i>Causes of Death.</i>					<i>M.</i>		<i>F.</i>
					112	—	94
1.	Typhoid and Paratyphoid Fevers	...	—	...	—	...	—
2.	Cerebro-spinal Fever	...	...	...	1	...	—
3.	Scarlet Fever	...	...	...	—	...	—
4.	Whooping Cough	...	...	...	—	...	—
5.	Diphtheria	...	...	...	1	...	—
6.	Tuberculosis of Respiratory System	...	...	...	7	...	4
7.	Other Tuberculosis Diseases	...	...	...	3	...	3
8.	Syphilitic diseases	...	...	...	1	...	—
9.	Influenza	...	...	...	—	...	—
10.	Measles	...	...	...	1	...	—
11.	Ac. polio-mpcl: and polio-enceph	...	—	...	—	...	—
12.	Ac. inf. enceph.	...	...	...	—	...	—
13.	Cancer of buc. cav. & oesoph. (M), uterus (F)	...	1	...	1	...	1
14.	Cancer of stomach and duodenum	...	1	...	1	...	2
15.	Cancer of breast	...	...	...	—	...	3
16.	Cancer of all other sites	...	...	...	7	...	7
17.	Diabetes	...	...	...	2	...	2
18.	Intra-cran: vasc: lesions	...	...	...	8	...	6
19.	Heart Disease	...	...	...	29	...	26
20.	Other diseases of circ. system	...	...	...	—	...	1
21.	Bronchitis	...	...	...	5	...	1
22.	Pneumonia	...	...	...	7	...	2
23.	Other Respiratory Diseases	...	...	...	1	...	—
24.	Ulcer of stomach or duodenum	...	...	...	—	...	—
25.	Diarrhœa, (under 2 years)	...	1	...	1	...	1
26.	Appendicitis	...	...	...	—	...	—
27.	Other Digestive Diseases	...	...	...	5	...	4
28.	Nephritis	...	...	...	2	...	5
29.	Puer. and post-abort. sepsis	...	...	...	—	...	—
30.	Other maternal causes	...	...	...	—	...	—
31.	Premature Birth,	...	...	...	4	...	3
32.	Con. mal· birth inj; infant dis:	...	2	...	2	...	3
33.	Suicide	...	...	...	1	...	1
34.	Road traffic acc.	...	...	...	—	...	—
35.	Other violent causes	...	...	...	5	...	2
36.	All other causes	...	...	...	20	...	16

**S.D. 55.**

Birth Rates, Civilian Death Rates, Analysis of Mortality, Maternal Mortality, and Case Rates for certain Infectious Diseases in the  
Year 1942.

(Provisional Figures based on Weekly and Quarterly Returns.)

	England and Wales.	126 County Boroughs and Great Towns, including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census).	London. Adminis- trative County.
Rates per 1,000 Civilian Population.				
<b>Births—</b>				
Live ... ..	15.8 ×	17.3	18.4	14.0
Still ... ..	0.54 ×	0.66	0.62	0.48
<b>Deaths—</b>				
All Causes ...	11.6 ×	13.3	12.1	13.9
{ Typhoid and ...				
Paratyphoid Fevers ...	0.00	0.00	0.00	0.00
Scarlet Fever ... ..	0.00	0.00	0.00	0.00
Whooping Cough ...	0.02	0.03	0.02	0.04
Diphtheria ... ..	0.05	0.06	0.04	0.02
Influenza ... ..	0.09	0.09	0.01	0.07
Smallpox... ..	...	...	...	...
Measles ... ..	0.01	0.02	0.01	0.01
Rates per 1,000 Live Births.				
Deaths under 1 year of age	49	59	46	60
Deaths from Diarrhoea and Enteritis under 2 years of age ... ..	5.2	7.5	4.8	8.6
Rates per 1000 Total Births (Live and Still)				
<b>Maternal Mortality—</b> (excluding Abortion)				
Puerperal Infection (147)	0.42	} Not available.		
Others ... ..	1.59			
Total ... ..	2.01			
<b>Notifications—</b>				
Puerperal Fever... ..				3.10
Puerperal Pyrexia ...	12.61	15.94	10.80	17.69
				Including Puerperal Fever
Rate per 1,000 Civilian Population				
<b>Notifications—</b>				
Typhoid Fever ... ..	0.01	0.01	0.01	0.02
Paratyphoid Fever ...	0.01	0.01	0.01	0.01
Cerebro-Spinal Fever ...	0.14	0.17	0.12	0.15
Scarlet Fever ... ..	2.19	2.49	2.34	1.86
Whooping Cough ...	1.73	1.97	1.58	2.72
Diphtheria ... ..	1.05	1.35	0.91	0.76
Erysipelas ... ..	0.30	0.36	0.26	0.43
Smallpox... ..	0.00	0.00	0.00	0.00
Measles ... ..	7.46	9.27	7.39	8.62
Pneumonia ... ..	1.07	1.30	0.94	0.94

× These Rates are those published in the Quarterly Return.



## 2.—General Provision of Health Services for the Area.

### HOSPITALS.

There are no Hospitals in the district, but the Council have agreements with the County Borough of Bootle for infectious disease.

### SMALLPOX.

Cases are removed under the above agreement to Liverpool, a retaining fee of £2 per 1,000 of population being paid.

The OTHER INFECTIOUS DISEASES are removed to the City of Liverpool and West Lancs. Infectious Disease Hospitals, no retaining fee being paid. The patients are not required to contribute towards the cost of treatment, the accommodation is not limited, therefore quite sufficient.

No action has been taken or advised with the object of securing that the Hospital accommodation is utilised to the best extent, or to shorten the period of stay of uncomplicated cases of Scarlet Fever. Cases have been treated at home where there have been facilities for isolation and suitable nursing.

No new methods have been adopted for the selection of individual cases for which admission to Hospitals is most imperative, nor any new decision as to the admission of cases of diseases such as Measles or Whooping Cough.

### TUBERCULOSIS.

This work is administered by the Lancashire County Council, the Tuberculosis Dispensary being situated at "Ellesmere," Crosby Road North, Waterloo.

### MATERNITY.

There is no Maternity Hospital in the district, but the Liverpool and Bootle Hospitals are available.

### MIDWIVES.

There are three Midwives on the County Council Register and practising in the district. There are no Health Visitors, Nurses or Midwives employed by or assisted by the Local Authority.

### GENERAL MEDICAL. GENERAL SURGICAL.

These cases are removed to the General Hospitals of Liverpool, Bootle and Waterloo.

### CHILDREN.

The above Hospitals are used, also the Liverpool Children's Hospital.

### VENEREAL DISEASES.

Patients make their own arrangements with the Liverpool Voluntary Hospitals.

There are no Poor Law or other Institutions in the district.

### MATERNITY MORTALITY.

No special arrangements have been made for the investigation of maternal deaths, and cases of Puerperal Fever or Puerperal Pyrexia; this work is carried out by the Lancashire County Council.

### AMBULANCE FACILITIES.

(a) For infectious diseases the Motor Ambulances of the City of Liverpool and West Lancs. Infectious Disease Hospitals.

(b) For non-infectious cases, accident and maternity cases the Motor Ambulances of:—Lancashire Public Assistance Committee, Merseyside Hospitals (1d. in the £ Subscribers) Ambulance, and the Council Ambulance.

### CLINIC AND TREATMENT CENTRES.

This work is administered by the Lancashire County Council. The Clinic is situated at 32 Linacre Road, Litherland, and provides for:—

### MATERNITY AND CHILD WELFARE.

Consultation and treatment.

### SCHOOL CLINIC.

Dental, orthopædic and minor ailments.

The times of opening are as follows:—

Monday	...	...	9.30 a.m. to 12 noon;	2 to 4 p.m.
Tuesday	...	...	10.0 a.m. to 12 noon;	2 to 4 p.m.
Wednesday	...	...	9.30 a.m. to 12 noon;	2 to 4 p.m.
Thursday	...	...	9.15 a.m. to 12.15 p.m;	2 to 4 p.m.
Friday	...	...	9.0 a.m. to 12 noon.	

There is no Day Nursery, Artificial Light Clinic; or Institutional provision for unmarried mothers, illegitimate infants, or homeless children in the district.

### PROFESSIONAL NURSING IN THE HOME.

Two District Nurses (Litherland District Nursing Association) visits on request of the Medical Practitioners by arrangement with the District Nursing Association. There is no financial obligation to the Council.

The Local Authority contributes to the Merseyside Hospitals (1d. in the £ Scheme) in connection with the Council employees, also to the Bootle General Hospital and the Waterloo General Hospital.

## HEALTH EDUCATION.

Health Posters have been displayed, and frequently changed, on the late Empire Marketing Boards.

## PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

Sputum.—These specimens are sent direct to Lancashire County Council Tuberculosis Dispensary, by Medical Practitioners.

Blood, Throat Swabs, etc.—Sent direct by Medical Practitioners to Liverpool University, Bacteriological Department.

Milk.—Six samples were submitted to Liverpool University.

**3.—Sanitary Circumstances of the Area.**

## WATER SUPPLY.

The water supply is obtained from the City of Liverpool, the chief source is Lake Vyrnwy in Wales. The water is excellent in quality, and there is a constant supply for all purposes. The number of houses supplied direct from the public mains is approximately 5,214. There has been no analysis during the year.

## DRAINAGE AND SEWAGE.

The sewage (which is dealt with on the combined system) is discharged without treatment into the River Mersey.

## RIVERS AND STREAMS.

No action has been necessary to check pollution of rivers and streams and no new works have been established to cause pollution.

## Closet Accommodation at end of 1942 :—

## Privy Middens—

No. of Middens	...	...	...	...	One.
No. of Closets attached to these Middens	...	...	...	...	One.
No. of Pail Closets	...	...	...	...	Nil.
No. of Houses with Fresh Water Closets	...	...	...	...	5,213
No. of Waste Water Closets	...	...	...	...	Nil.

## SCAVENGING.

This work has been transferred during the year from the Surveyor's Department, to the Health Department, under the supervision of the Sanitary Inspector, and is working satisfactorily. Refuse is conveyed by motor vehicles to the Council's tip, situated in Beach Road, Litherland.



## SANITARY INSPECTIONS DURING 1942.

No. of premises visited	...	...	...	...	1,535
Defects or Nuisances—					
No. discovered	...	...	...	...	1,979
No. abated	...	...	...	...	1,915
No. of Notices served—					
Informal	...	...	...	...	1,341
Statutory	...	...	...	...	11
Legal Proceedings—	...	...	...	...	Nil.

Two cases were dealt with by the Solicitor satisfactorily without Court proceedings.

## OFFICES AND SHOPS ACT, 1934.

No statutory action has been necessary, sanitary defects etc. have been carried out as required.

## CAMPING SITES.

There were no licences issued for camping sites during the year.

## SWIMMING BATHS AND POOLS.

There are no Swimming Baths or Pools within the district.

## ERADICATION OF BED BUGS.

Fifty-eight houses were disinfested during the year ; 14 Council houses and 44 other houses, by means of spraying with Zaldecide and sulphur candles. Eighty-nine houses were disinfested for cockroaches, fleas, ants, crickets, flies ; one dump for flies and one wasps' nest.

Advice is given to tenants by the Sanitary Inspector on taking up tenancy.

## SCHOOLS.

The sanitary condition and the water supply of the schools in the district is satisfactory. The schools have been disinfested after the holidays. There was no closing of the schools as a result of infection during the year.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY  
BYE-LAWS OR REGULATIONS.

There are no Common Lodging Houses ; Houses let in Lodgings ; Tents, Vans or Sheds, or Underground Sleeping Rooms in the district.

## OFFENSIVE TRADES.

There are three Tanneries and eight Fish and Chip Potato premises in the district ; these are inspected from time to time.

**SLAUGHTER-HOUSES.**

There is only one Private Slaughter-house in the district, and this is a Registered Slaughter-house.

**RAG FLOCK ACTS, 1911 AND 1928.**

There are no premises in the district in which Rag Flock is manufactured or sold.

**CANAL BOATS.**

Number inspected : None.

**4.—Housing.****STATISTICS FOR THE YEAR 1942.**

There were no houses built by the Local Authority, other Local Authorities, or by private enterprise during the year.

**HOUSING APPLICATION FORMS, 1942.**

Housing Application Forms for Council houses are continually being received, both from inside and outside the district.

As a result of enemy action, cases of temporary overcrowding have undoubtedly occurred, but without apparent ill effects on general health, or spread of infectious disease.

**5.—Inspection and Supervision of Food.****MILK SUPPLY.**

The Cowsheds, Dairies, and Milk Shops within the district are periodically inspected, and every effort is being made to produce clean healthy milk.

Six samples were obtained from persons selling milk within the district, and sent for Bacteriological examination.

“Tubercle Bacilli” was negative in all samples.

Veterinary inspections are carried out if any animal is suspected, or on a sample of milk showing Tubercle Bacilli.

**FOOD AND DRUGS ACT, 1938.**

The following samples were obtained in Litherland by the County Sanitary Officer during the year :—

Milk 2, Butter 1, Margarine 1, Sugar 1, Mustard 1,  
Rice 1, Self-Raising Flour 1, Bacon 2, Cheese 3,  
Amm. Quinine 1, Seidlitz Powders 1, Saccharin  
Tablets 1, Glauber Salts 1, Custard Powder 1,  
Tinned Soup 1, Flour 1, Oatmeal 1, Coffee 1,  
Fish Paste 1, Flour of Sulphur 1, Canned Veg. 1,  
Camphor Oil 1, Gelatine 1, Dried Fruit 1,  
Yeast 1, Hescamine Powder 1.

All these samples were reported genuine.

No proceedings were instituted in respect of any samples obtained in the district.



#### MEAT AND OTHER FOODS.

The food exposed for sale or prepared in the district has been examined from time to time. The premises and shops have been kept in a cleanly state.

#### FOOD AND DRUGS ADULTERATION ACT, 1928.

Seven samples of milk were submitted to the County Analyst; all were reported "Genuine,"

#### BAKEHOUSES.

There are eight Bakehouses in the district; these are in a sanitary condition, clean and well kept; minor repairs have been attended to.

### **6.—Prevalence of and Control over Infectious Disease.**

Four hundred and forty-one cases of infectious diseases were notified, and forty-nine cases were removed to Hospital (see Tables of Notifiable Diseases).

#### DIPHTHERIA IMMUNIZATION.

Immunization against Diphtheria has been undertaken by the Local Authority; this is being done at the County Clinic, Linacre Road, Litherland, by the Medical Officer of Health on Friday afternoon during school time; 618 cases were completed during the year, each receiving two injections of A.P.T.

Immunization against Diphtheria commenced on 17th May, 1935; during this period 2,684 cases have been immunized; 307 notifications of diphtheria have been received, and of these only 19 had previously been inoculated.

The number of deaths from diphtheria during the year was 1, which had not been inoculated.

#### SCARLET FEVER.

No return cases were discovered during the year.

#### MALARIA.

There were no cases notified during the year.

#### PARA-TYPHOID FEVER.

There were no cases during the year.

## CANCER.

There were 22 deaths from Cancer (9 males and 13 females) during the year, as against 17 in 1941. Private Practitioners and Patients make their own arrangements with the Liverpool City Hospitals for Radium Treatment if necessary.

Death rate from Cancer was 1.28.

## PREVENTION OF BLINDNESS.

This work is carried out by the Lancashire County Council

## TUBERCULOSIS.

No action has been necessary in respect of Tuberculosis employees in the Milk Trade, or to Section 62, Public Health Act 1925, for removal to hospital of infectious persons suffering from Pulmonary Tuberculosis.

## GENERAL.

There have been no Primary or Re-Vaccinations carried out by the Medical Officer of Health during the year.

It has not been necessary to close the schools during the year on account of sickness.

There have been no reports made under Article 17 (7) Sanitary Officers (Outside London) Regulations, 1935, which refers to cases of Plague, Cholera, Smallpox, or any serious outbreak of disease in the district.

## INFLUENZA.

There was no severe Influenza Epidemic during the year.

There were no other diseases or cases of sickness which required special attention.

## WHOOPING COUGH.

As a result of suggestions made by me, Whooping Cough Prophylactic and Curative Serum has been made available to Medical Practitioners free of charge. This has resulted in arresting the progress of this disease and shortening the period of infectivity.

## SCABIES.

The number of cases did not appear to increase, and did not approach epidemic proportions.

Disinfection of fomites has been carried out in all cases coming to our notice.

## DISINFECTION.

There were 220 rooms in 145 houses disinfected during the year by means of Formaldehyde Vapour and Izal (Sprayed) after Infectious Disease, including Tuberculosis, 317 articles were disinfected at the Council's Disinfector (a Washington Lyons Type) situated in the Council's yard, Field Lane.

There is no arrangement for bathing verminous persons, etc. Disinfestation has been carried out at fifty-eight houses.

## Notifiable Diseases, 1942.

Number of cases of Infectious Diseases notified, number of deaths from these diseases, number of cases removed to Hospital, and deaths in Hospital during the year 1942 :—

NOTIFIABLE DISEASES.	CASES NOTIFIED.														TOTAL DEATHS.	HOSPITAL	
	Total Cases at all Ages.	YEARS.														Total Cases removed to Hospital.	Deaths in Hospital of persons belonging to District.
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over				
Smallpox... ..	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*Scarlet Fever ... ..	36	...	...	1	4	6	19	2	2	1	...	1	...	...	...	16	...
*Diphtheria, including Membranous Croup	27	...	...	1	2	3	10	3	4	4	...	...	...	...	...	*21	1
Enteric Fever, including Paratyphoid ... ..	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles, excluding German Measles...	323	12	32	28	43	52	149	4	...	2	1	...	...	...	...	1	...
Whooping Cough ... ..	35	5	4	4	9	4	9	...	...	...	...	...	...	...	...	1	...
Acute Primary Pneumonia } Acute Influenzal Pneumonia }	6	2	...	...	...	..	1	...	...	2	1	...	...	...	...	1	...
Puerperal Pyrexia ... ..	2	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2	...
Cerebro-Spinal Fever ... ..	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis ... ..	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio-encephalitis	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery... ..	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..
Erysipelas ... ..	9	...	...	...	...	...	...	...	...	1	...	7	1	1	...	4	1
Malaria—																	
Contracted in this C'try	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
Abroad ... ..	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Any other disease notifiable in district, e.g.— Chicken Pox ... ..	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Any other disease...	Nil	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anthrax ... ..	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...
TOTALS ... ..	441	20	37	34	58	65	188	9	6	12	3	8	1	2	...	49	2

\*A number of cases were removed to hospital as Diphtheria and Scarlet Fever and were later certified as Tonsilitis or not infectious, and were removed from the register.



## INFECTIOUS DISEASES.

441 cases of Infectious Disease were notified during the year.

	CASES NOTIFIED.									
	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933
Smallpox... ..	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	36	20	48	74	64	38	40	17	55	143
Diphtheria & Mem. Croup	27	36	61	87	37	23	14	45	38	23
Typhoid & Paratyphoid Fever	...	25	...	...	1	...	...	1	1	2
Erysipelas ... ..	9	6	2	10	6	8	17	9	13	14
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...
„ Pyrexia ... ..	2	...	2	4	5	2	4	...	4	10
Cerebro Spinal Fever ...	1	5	10	...	...	...	...	...	...	1
Poliomyelitis ... ..	...	...	1	...	...	1	...	...	...	...
Ophthalmia Neonatorum	1	1	...	3	...	5	3	...	2	4
ACUTE PRIMARY PNEUMONIA INFLUENZAL PNEUMONIA }	6	26	45	21	27	27	36	23	35	55
Anthrax ... ..	1	...	...	...	...	...	...	...	...	...
Encephal Leth. ... ..	...	...	...	...	...	...	...	...	1	...
Malaria ... ..	...	...	...	...	...	...	...	1	...	1
Polio-Encephalitis ... ..	...	...	...	...	...	...	...	...	...	1
Measles ... ..	323	30	370	2	...	...	...	...	...	...
Whooping Cough ... ..	35	84	122	1	...	...	...	...	...	...
	441	233	661	202	140	104	114	96	149	254

## INFECTIOUS DISEASES.

	CASES REMOVED TO HOSPITAL									
	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933
Smallpox... ..	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	16	13	28	50	52	31	32	11	46	124
Diphtheria ... ..	21	38	60	103	49	36	21	45	38	22
Typhoid and Paratyphoid Fever	...	27	...	1	2	1	...	1	1	2
Puerperal Pyrexia ... ..	1	...	1	...	2	1	3	...	4	8
Erysipelas ... ..	4	2	...	4	1	6	15	3	4	8
Cerebro-spinal Fever ...	2	4	10	...	...	...	...	...	...	1
Ophthalmia Neonatorum	1	1	...	...	...	1	...	...	...	1
Poliomyelitis ... ..	...	...	1	...	...	...	...	...	...	...
Measles ... ..	1	...	5	...	...	...	...	...	...	...
Encephal Leth. ... ..	...	...	...	...	...	...	...	...	1	...
Malaria ... ..	...	...	...	...	...	...	...	...	...	...
Polio-Encephalitis ... ..	...	...	...	...	...	...	...	...	...	...
Acute Pneumonia ... ..	1	...	9	...	3	...	...	...	...	...
Whooping Cough ... ..	1	2	...	...	...	...	...	...	...	...
Pneumonia ... ..	...	2	...	...	...	...	...	...	...	...
Anthrax ... ..	1	...	...	...	...	...	...	...	...	...
	49	89	114	158	109	76	71	60	94	166

A number of cases were removed to hospital as Diphtheria and later certified as Tonsillitis or not infectious disease and were removed from the register.

## TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1942 (Local Register).

AGE PERIODS.	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
Years								
0—1 ... ..	...	...	...	...	...	...	...	...
1—5 ... ..	...	...	3	2	...	...	1	1
5—10 ... ..	...	...	1	2	...	...	...	...
10—15 ... ..	...	...	...	...	...	...	...	...
15—20 ... ..	3	1	...	2	1	...	1	...
20—25 ... ..	1	1	...	...	...	2	...	...
25—35 ... ..	2	5	...	...	...	2	...	...
35—45 ... ..	3	2	...	...	3	...	...	...
45—55 ... ..	2	2	...	...	2	1	...	...
55—65 and upwards ...	2	2	...	...	3	...	...	...
TOTALS ...	13	13	4	6	9	5	2	1
	26		10		14		3	

Death rate from Tuberculosis Respiratory System per 1000 = 0·64.

The rate of non-notified Tuberculosis deaths to total Tuberculosis deaths was three to thirty-six.

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

No action has been taken or necessary in respect of persons suffering from Pulmonary Tuberculosis, employed in the Milk Trade, or for the compulsory removal to hospital of persons suffering from Tuberculosis.

### 7.—Maternity and Child Welfare.

The whole of this work is carried out by the Lancashire County Council at 32 Linacre Road, Litherland.

#### OPHTHALMIA NEONATORUM.

This work is carried out by the Lancashire County Council, there was one case notified during the year.

I again wish to thank the Sanitary Inspector, Mr. H. Harrison, for his valued assistance, and to tender my thanks to the various members of the Council for considering advice given by me.

Your obedient Servant,

H. G. ST. M. REES,  
Medical Officer of Health.



The Urban District Council of Litherland.

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**ANNUAL REPORT**

OF THE

**Sanitary Inspector.**

**1942.**

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*30th December, 1943.*

TO THE CHAIRMAN AND MEMBERS  
OF THE HEALTH COMMITTEE.

GENTLEMEN,

I beg to submit the Annual Report of the work executed in the Health Department during the past year, together with the particulars of the nuisances abated and improvements effected thereby.

INSPECTION OF THE DISTRICT,  
NOTICES SERVED, &c.

During the year 5,775 inspections and re-inspections were made in reference to complaints and housing.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

There were 2,082 Preliminary Notices and letters, etc., referring to nuisances and general dilapidations served, and in due course complied with.

In eleven instances Abatement Notices were served after which the work was completed to my satisfaction.

Two cases were dealt with by the Solicitor satisfactorily without Court proceedings.

INSPECTION OF THE FOOD SUPPLY.—The food exposed for sale in the district has been inspected from time to time. Meat shops and food preparing places are inspected periodically. All animals slaughtered in the district are examined.

SLAUGHTER-HOUSES.—There is one “private” slaughter-house within the district, the number of pigs slaughtered and inspected in the Urban District during the year was ten.

#### INSPECTION OF MEAT :—

Meat condemned as unfit for human food :—

... 11 cwts. 2 qrs.

DAIRIES, COWSHEDS AND MILKSHOPS.—Number of cowkeepers on register, 2 ; number of milk shops (other than cowkeepers), 6. 19 visits were made during the year. On the whole a fairly high standard of cleanliness is maintained, and the health of the cattle is satisfactory.

Five supplementary licenses were issued to retail :—

- (1) “Tuberculin Tested” Milk (two).
- (2) “Accredited” Milk (two).
- (3) “Pasteurised” Milk (one).

MILK SAMPLES.—Six samples were taken for the discovery of Tuberculosis among cattle ; these were reported “negative” to the biological test. Seven samples of milk were also taken under the Sale of Food and Drugs (Adulteration) Act, 1928 and Food and Drugs Act, 1938, and all samples were reported genuine.

There are approximately 34 cows kept in the district.

FISH FRYING SHOPS AND WET FISH SHOPS.—Twenty-five visits were paid to fish frying shops and wet fish shops, which were maintained in a generally satisfactory condition.

ASHPITS TO BIN SYSTEM.—The approximate number of movable ashbins at present in use in the district is 5,431. There were no conversions during the year.

ERADICATION OF BED BUGS.—Fifty-eight houses were disinfested during the year by means of spraying with Zaldecide, and sulphur candles. Clothing and bedding were taken to the Council's Steam Disinfector. The whole of this work is carried out by the Council's workmen.

Eighty-nine houses were disinfested for cockroaches, crickets, fleas, flies, one dump for flies, and one wasp's nest. These were treated with Zaldecide successfully.

RATS AND MICE DESTRUCTION ACT, 1919—108 rats have been destroyed during the year by the rat catcher, using poison and traps.

In several cases the cause was due to defective drains, and in each case the drains were repaired and the possibility of further infestation removed.

CARAVANS.—Five caravans came into the district during the year. These were removed by the Police.

#### SUPERVISION OF INFECTIOUS DISEASES.—

Ninety-nine visits were paid to houses where Infectious Diseases had occurred, and the necessary enquiries made into each case, also a sanitary survey was made of the premises, notices served where necessary for various defects, and work carried out.

Notices to strip and cleanse the walls and ceilings, where necessary, were served, and 11 re-visits were paid to ensure that the work was carried out. The schools have been thoroughly disinfected during the year. The head teachers have been notified regarding children attending the schools where infectious disease had occurred, also after disinfection.

Disinfection and disinfestation of the various Civil Defence and Firewatchers premises, with beds and blankets, etc. has been carried out periodically throughout the year. The Nursery has also been disinfected after minor infectious disease.



## SUMMARY OF WORK OF DEPARTMENT

Number of houses inspected ...	...	...	...	...	1535
Number of re-inspections to houses ...	...	...	...	...	4240
Number of visits and re-visits to factories ...	...	...	...	...	60
Number of visits to bakehouses ...	...	...	...	...	13
Number of visits to cowsheds, dairies, and milkshops ...	...	...	...	...	19
Number of preliminary notices served and letters, etc. ...	...	...	...	...	2082
Number of abatement notices served ...	...	...	...	...	11
Number of visits to offensive trades ...	...	...	...	...	4
Samples of milk submitted for bacteriological examination	...	...	...	...	6
Samples of milk taken under Sale of Food and Drugs Act	...	...	...	...	7
Cases of infectious disease visited and reported upon ...	...	...	...	...	99
Number of houses fumigated ...	...	...	...	...	145
Number of rooms fumigated ...	...	...	...	...	220
Number of articles fumigated ...	...	...	...	...	317
Number of verminous houses disinfested ...	...	...	...	...	58
Number of visits to fish frying shops and wet fish shops ...	...	...	...	...	25
Number of visits to butchers' shops and food preparing places ...	...	...	...	...	194
Number of visits to slaughter-house ...	...	...	...	...	3
Number of visits to schools ...	...	...	...	...	51
Number of visits under Rat and Mice Destruction Act ...	...	...	...	...	17
Number of visits to stable premises and garages ...	...	...	...	...	5
Number of visits re Diphtheria Immunisation ...	...	...	...	...	8
Number of visits to Tents, Vans and Sheds ...	...	...	...	...	10
Rent books inspected ...	...	...	...	...	16

## DETAILS OF SANITARY IMPROVEMENTS AND ABATEMENT OF NUISANCES.

Drains tested, repaired or renewed ... ..	354
Defective w.c. cisterns, pans, traps, water supply, etc. ...	364
Staircases repaired ... ..	6
Defective water supply to houses, etc., new taps, burst pipes, etc. ... ..	398
Defective floors in dwelling-houses, etc. ... ..	54
Offensive accumulations ... ..	28
New ashbins provided ... ..	97
Insanitary yard surfaces ... ..	18
Walls and chimneys pointed and repaired ... ..	94
Defective eaves, gutters, r.w. pipes, etc. ... ..	89
New back boilers, storage cisterns and cylinders provided or repaired ... ..	79
Defective skirting boards repaired ... ..	3
Plasterwork, limewashing and cleansing after infectious disease, etc. ... ..	67
Repairs to window sashes and frames, and lighting and ventilation improved ... ..	56
Leaky roofs (dwelling houses), etc. ... ..	108
New doors and repairs to doors ... ..	89
Animals or Fowls kept to be a nuisance ... ..	2
Defective wash boilers and structures ... ..	11
New sinks or other sanitary fittings ... ..	69
Defective fire ranges, jambs, and flues ... ..	67
Defective drainer boards ... ..	3

I am, Gentlemen,

Your obedient Servant,

H. HARRISON, *Sanitary Inspector.*



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